

INTERNATIONAL SEARCH REPORT

IB2004/003044

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L1/00 H04L12/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 782 291 A (PIONEER ELECTRONIC CORP) 2 July 1997 (1997-07-02) abstract figures 7,8 page 5, line 25 - line 55 -----	1-8,10, 11
X	US 6 571 212 B1 (DENT PAUL W) 27 May 2003 (2003-05-27) abstract figures 4-7 column 10, line 54 - column 11, line 9 -----	1-8,10, 11
X	EP 1 111 833 A (NIPPON ELECTRIC CO) 27 June 2001 (2001-06-27) figures 4-8 paragraph '0023! - paragraph '0025! paragraph '0031! - paragraph '0037! ----- -/-	1-5,7, 10,11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

18 January 2005

Date of mailing of the International search report

25/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 935 363 A (TOKYO SHIBAURA ELECTRIC CO) 11 August 1999 (1999-08-11) paragraph '0066! - paragraph '0137! -----	1-5, 7, 8, 10, 11

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